



SEQUENCE LISTING

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Dumas, Michael
Wang, Wei

<120> PITUITARY ADENYLATE CYCLASE ACTIVATING PEPTIDE (PACAP) RECEPTOR 3
(VPAC2) AGONISTS AND THEIR PHARMACOLOGICAL METHODS OF USE

<130> MSB-7295

<140> US 10/618,126

<141> 2003-07-11

<150> US 60/395,738

<151> 2002-07-12

<160> 264

<170> PatentIn version 3.2

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<400> 90

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20 25 30

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<400> 91

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<400> 92

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20 25 30

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<400> 93

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<400> 95

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20 25 30

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<400> 97

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<213> Homo sapiens

<400> 98

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20 25 30

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<400> 101

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1 5 10 15

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<400> 102

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20 25 30

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<400> 103

His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
1 5 10 15

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20 25 30

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<400> 108

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Met Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Asn Lys Tyr
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1 5 10 15

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His Ser Asp Ala Val Phe Thr Asp Gln Tyr Thr Arg Leu Arg Lys Gln
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<210> 115

<211> 32

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<222> (1)..(32)

<223> Cysteine at position 32 is PEGylated.

<400> 115

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20 25 30

<210> 116

<211> 32

<212> PRT

<213> Homo sapiens

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<222> (1)..(32)

<223> Histidine at position 1 is acetylated; and cysteine at position 32 is PEGylated.

<400> 116

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Val Ala Ala Lys Lys Tyr Leu Gln Ser Ile Lys Gln Lys Arg Tyr Cys
20 25 30

<210> 117
<211> 32
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<400> 117

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20 25 30

<210> 118
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20 25 30

<210> 119
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<400> 119

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20 25 30

<210> 120
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<400> 120

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<210> 121
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<400> 121

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20 25 30

<210> 122
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<400> 122

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Leu Ala Ala Lys Lys Tyr Leu Gln Thr Ile Lys Gln Lys Arg Tyr Cys

20

25

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<400> 123

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 20 25 30

<210> 124
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<400> 124

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<400> 125

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<210> 126
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<400> 133

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20 25 30

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